

# INTERNAL PNEUMATIC LINE-UP CLAMP

## For pipe from 10" (273mm) to 60" (1524mm)



The CRC-Evans IPLC provides optimum internal line-up of two pipes prior to welding. It is extremely robust and built to special high standards to withstand pipeline spread operations.

IPLC's are adjustable for any wall thickness or size within the specified range.

When correctly used IPLC's will not damage or "bell end" the pipe.

Independently operated pneumatic heads allow the line-up of pipes with different wall thicknesses.

Adequate line-up at the next joint is assured by a reserve air tank.

A "Self-propelled" IPLC travels through the pipe to the next joint under its own power. A "Non Self-propelled" IPLC is pulled to the next joint (manually).

IPLC's require compressed air at 180-200 psi (12.4-13.8 bar). Maximum safe working pressure is 210 psi (15.3 bar).

Use CRC-Evans Compressor model #HT325 for non-self-propelled clamps up to 22" (559mm) pipe.

Use CRC-Evans Compressor model #HT340 for all self-propelled clamps up to 36" (914mm) pipe.

Use CRC-Evans Compressor model #HT390 for all self-propelled clamps over 36" (914mm) pipe.

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#### SPECIFICATIONS

SELF-PROPELLED						
MODEL NO.	NOMINAL □ PIPE SIZE in/mm	LENGTH in/mm	WIDTH in/mm	HEIGHT in/mm	WEIGHT lb/kg	CUBE ft <sup>3</sup> /m <sup>3</sup>
IPLC 10*	10/273	62/1575	10/254	11.5/292	300/136	4.1/.12
IPLC 12-14*	12-14/324-356	90/2286	12/305	13.5/343	355/161	8.4/.24
IPLC 16-18*	16-18/406-457	115/2921	16/406	17.5/445	552/250	18.6/.53
IPLC 20-22	20-22/508-559	115/2921	18.5/470	20.0/508	625/284	24.6/.7
IPLC 24-26	24-26/610-660	104/2642	24/610	25.5/648	925/420	36.8/1.04
IPLC 28-30	28-30/711-762	112/2845	28/711	29.5/749	1230/558	53.5/1.52
IPLC 30-32	30-32/762-813	112/2845	30/762	31.5/800	1250/567	61.3/1.74
IPLC 34-36	34-36/864-914	128/3251	34/864	35.5/902	1700/771	73.3/2.08
IPLC 36-38	36-38/914-965	128/3251	36/914	37.5/953	1750/794	82.0/2.32
IPLC 40-42	40-42/1016-1067	144/3658	40/1016	41.5/1054	2480/1125	124.8/3.53
IPLC 46-48	46-48/1168-1219	144/3658	45/1143	46.5/1181	3140/1424	175.0/4.96
IPLC 52-54	52-54/1321-1372	180-4572	52/1321	53.5/1359	4950/2245	290.0/8.21
IPLC 56	56/1422	185/4699	54/1372	55.5/1410	5400/2450	321.0/9.09
IPLC 60	60/1524	190/4826	58/1473	60.0/1524	6000/2722	383.0/10.85

\*Denotes that the self-propelled feature is an extra cost.

NON SELF-PROPELLED						
MODEL NO.	NOMINAL □ PIPE SIZE in/mm	LENGTH in/mm	WIDTH in/mm	HEIGHT in/mm	WEIGHT lb/kg	CUBE ft <sup>3</sup> /m <sup>3</sup>
IPLC 6	6/168	-	-	-	-	-
IPLC 8	8/219	47/1194	7.50/190	9.0/229	120/54	2.0/.06
IPLC 10*	10/273	62/1575	10/254	11.5/292	300/136	4.1/.12
IPLC 12-14*	12-14/324-356	90/2286	12/305	13.5/343	355/161	8.4/.24
IPLC 16-18*	16-18/406-457	115/2921	16/406	17.5/445	552/250	18.6/.53

CRC-Evans IPLCs can be built to suit your job specifications.

□ Pipe is generally referred to by Nominal Pipe Size, but it will be noted that on sizes up to 12", the actual outside diameter is somewhat greater than the nominal size.

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### INTERNAL PNEUMATIC LINE-UP CLAMPS

The CRC-Evans IPLC has the following features:

Steel travel wheels.	Roller type actuating heads.
Air mist lubrication.	20 degree grade capability.
Center lifting eye.	Centering latch.
Reach (control) rod.	Drag brake, IPLC 20 and up

#### EXTRA COST OPTIONS

(Available at time of Manufacture)

Self propelled feature, IPLC 10-14 and IPLC 16-18.	Articulated IPLC for mitered pipe.
Stainless steel pipe compatibility.	Cement mortar lining compatibility.
Heavy duty drive (side drive).	30 degree extreme grade capability.
Certified air tank.	Parking brake (standard with self propelled feature).
Drag Brake IPLC 20-22 to 28-30.	Star wheel internal joint cleaner.

#### EXTRA COST OPTIONS

(Available for plant or field installation)

Wheels to suit internal coating.	Extra length reach (control) rods.
De-icers.	Vertical operation facility (crane suspended).
High traction drive wheels.	Conversion kits for pipe sizes and wall thicknesses within the IPLC range.

The following deletions are allowed for credit:

Self propelled feature, IPLC 20-22 through IPLC 36-38.

Reach rod, all sizes.

Air tank, all sizes